

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Hannu TOIVONEN et al.

Serial No. (unknown)

Filed herewith

METHOD FOR GENE MAPPING FROM
CHROMOSOME AND PHENOTYPE DATA#4
Plunkett
12/5/01INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner for Patents

Washington, D.C. 20231

Sir:

In compliance with Rules 1.97 and 1.98, and in fulfillment of the duty of disclosure under Rule 1.56, the accompanying documents, copies of which are attached to this statement, are made of record on the enclosed sheet.

A concise explanation of the relevance of these items is that we are advised by our client that these references were discovered during any searches they or their client had made, or that they were considered in the preparation of the application.

Respectfully submitted,

YOUNG & THOMPSON

By

A handwritten signature in black ink, appearing to read "Robert J. Patch".

Robert J. Patch
Attorney for Applicants
Customer No. 000466
Registration No. 17,355
745 South 23rd Street
Arlington, VA 22202
Telephone: 703/521-2297

June 8, 2001

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK

OFFICE

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use several sheets if necessary)

(37 CFR 1.98(b))

ATTY. DOCKET NO.
BP101729

SERIAL NO.

APPLICANT

Hannu TOIVONEN, Päivi ONKAMO, Karl
VASKO, Vesa OLLIKAINEN, Petteri
SEVON, Heikki MANNILA, Juha KERE

FILING DATE

June 8, 2001

GROUP

U.S. PTO
09/875935**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL		PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
	AC						

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

		DOCUMENT NO.	PUBL. DATE	COUNTRY OR PATENT OF- FICE	CLASS	SUB CLASS	TRANSLATION YES NO
	AD						
	AE						
	AF						

OTHER DOCUMENTS (Including Author, Title, Date, Relevant Pages, Place of Publication)

AG	H. TOIVONEN et al., "Data mining applied to linkage disequilibrium mapping", American Journal of Human Genetics, 67, pp133-145, 9 June 2000
AH	H. TOIVONEN et al., "Gene mapping by haplotype pattern mining", Proceedings of IEEE International Symposium on Bio-Informatics and Biomedical Engineering, pp99-108, 10 Oct 2000
AI	P. SEVON et al., "Mining associations between genetic markers, phenotypes and covariates", Wijsman et al. Genetic Analysis Workshop 12, Genetic Epidemiology 21 (Suppl 1), 2001
AJ	K. VASKO, "Data mining techniques on gene mapping", Closed seminar: "Seminar on Computational Research Methods", Department of Computer Science, University of Helsinki, Sep 1999 by e-mail.

EXAMINER

DATE CONSIDERED

EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered.
 Includ copy of this form with n xt communication t applicant.